EVAPORATIVE EMISSIONS CANISTER ASSEMBLY AND APPARATUS

ABSTRACT

A device and a method for maintaining composite materials substantially separate within a chamber is shown, which includes, for example, a device for capturing and storing evaporative emissions. The chamber is inside a housing, and contains first and second composite materials. A partition is inserted between the first and second composite materials, and is operable to move within the chamber while maintaining the first composite material substantially separate from the second composite material. The partition permits fluid communication between the first composite material and the second composite material. It also facilitates maintaining composite materials under compression with intent of maintaining evaporative emissions performance over the useful life of the device. This permits use of a common canister package for multiple applications that have varying inputs or varying regulatory requirements.